

Notice of Allowability

Application No.

09/996,086

Examiner

David Ton

Applicant(s)

PARK ET AL.

Art Unit

2133

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Remarks filed 11/02/2004.
2. ☒ The allowed claim(s) is/are 1-17.
3. ☒ The drawings filed on 05 March 2004 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date 2/7/05
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____


DAVID TON
PRIMARY EXAMINER

1. Claims 1-17 are allowed.

2. The following is an Examiner's Statement of Reasons for Allowance:

a). The prior art of record teaches the claimed invention substantially, but it fails to teach or suggest singly or in combination a method of protecting errors from occurring during decoding of a plurality of packets of given information comprising the steps of a) decoding one of the plurality of packets, b) decoding another packet when an error occurs during the decoding in step a), c) decoding a combination of the packets from steps a) and b) or a third packet when an error occurs during the decoding in step b) as set forth in independent claims 1 and 15.

b). The prior art of record teaches the claimed invention substantially, but it fails to teach or suggest singly or in combination a method of protecting errors from occurring during decoding of a plurality of packets of given information comprising the steps of a) decoding a first packet which is one of the plurality of packets, b) combining the first packet with two or more other packets of the plurality of packets when an error occurs during the decoding in step a) as set forth in independent claims 5 and 16.

c). The prior art of record teaches the claimed invention substantially, but it fails to teach or suggest singly or in combination a method of protecting errors from occurring during decoding of a plurality of packets of given information comprising the

Art Unit: 2133

steps of a) decoding a first packet which is one of the plurality of packets, b) combining the first packet with a second packet when an error occurs during the decoding in step a), wherein said second packets is a packet which had error occur during decoding thereof, c) combining the first packet with a combination of the second packet and at least a third packet and decoding the packet combined in c), when an error occurs in the decoding in b), wherein said third packet is one of the plurality of packets and is a packet which had an error occur during decoding thereof as set forth in independent claim 6.

d). The prior art of record teaches the claimed invention substantially, but it fails to teach or suggest singly or in combination a method of protecting errors from occurring during decoding of a plurality of packets of given information comprising the steps of a) decoding a first packet of the plurality of packets, b) decoding a second packet of said plurality of packets when an error occurs during the decoding of said first packet, c) decoding a combination of said first and second packets when an error occurs during decoding of the second packet, and d) decoding a third packet of said plurality of packets when an error occurs during the decoding of said first and second packets, and when an error occurs in decoding said combination of said first and second packets as set forth in independent claim 8.

e). The prior art of record teaches the claimed invention substantially, but it fails to teach or suggest singly or in combination an error protection apparatus for

Art Unit: 2133

protecting errors from occurring during decoding of a plurality of packets of given information comprising a buffer coupled to a transmission channel and storing packets received from a transmitter, a decoder unit which decodes one or more packets stored in the buffer wherein in response to generating an error upon decoding a combination of the packets, said decoder unit decodes a second combination of packets stored in said buffer, wherein said second combination of packets is different from said first combination of packets as set forth in independent claim 11.


f). The prior art of record teaches the claimed invention substantially, but it fails to teach or suggest singly or in combination an error protection apparatus for protecting errors from occurring during decoding of a plurality of packets of given information comprising a buffer coupled to a transmission channel and storing packets received from a transmitter, a decoder unit which decodes one or more packets stored in the buffer wherein in response to generating an error upon decoding a combination of the packets, said decoder unit decodes a second combination of packets stored in said buffer as set forth in independent claims 11, 13 and 17.

3. Any comments considered necessary by applicant must be submitted no later than the payment of the Issue Fee and, to avoid processing delays, should preferably accompany the Issue Fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance".

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to David Ton whose telephone number is (571) 272-3828. The examiner can normally be reached on M-Th from 5:30 - 4:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Albert DeCady can be reached on (571) 272-3819. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).


David Ton
Primary Examiner
Art Unit 2133